

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 951 | (702/22-24).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:25 |
| L2 | 794 | (702/25,30-32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:26 |
| L3 | 1071 | (702/45,50,51,55).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:26 |
| L4 | 875 | (702/108,113,114,181).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:26 |
| L5 | 1040 | (702/182).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:28 |
| L6 | 858 | (702/183).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:28 |
| L7 | 722 | (702/184,185).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:29 |
| L8 | 799 | (702/188).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:29 |
| L9 | 418 | (110/185,186,188).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:29 |
| L10 | 471 | (110/190,191).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:32 |
| L11 | 1058 | (165/11.1,70).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:32 |
| L12 | 226 | (431/16,22).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:32 |
| L13 | 821 | (700/27,42,86).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:33 |
| L14 | 669 | (700/266,274,287).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:33 |
| L15 | 1164 | (701/99,100,102).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:34 |
| L16 | 1525 | (703/2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:34 |
| L17 | 165 | (706/906,915).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/19 10:34 |
| L18 | 0 | (preheater (pre adj heater)) adj leakage and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:39 |
| L19 | 7 | fossil-fueled and "O.sub.2" and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:39 |
| L20 | 7 | (fossil-fueled hydrocarbon oil (natural adj gas) (black adj liquor)) and fuel adj chemistry and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:39 |
| L21 | 0 | (fossil-fueled hydrocarbon oil (natural adj gas) (black adj liquor)) and fuel adj water and fuel adj ash and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:39 |

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| L22 | 0 | fluidized adj bed adj thermal adj system and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:39 |
| L23 | 0 | moisture-ash-free with ((fuel adj carbon)(fuel adj water)(fuel adj ash)) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:40 |
| L24 | 0 | heat adj exchanger adj leaks and mathematical adj model and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:40 |
| L25 | 1 | heat adj exchanger adj leaks and model and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:40 |
| L26 | 4 | tube adj (leak leakage) and model and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:40 |
| L27 | 2 | tube adj (leak leakage) and (moles molar) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L28 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and model and minimization adj technique and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L29 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and choice adj operating adj parameter and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L30 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and System adj Effect adj parameter and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L31 | 2 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and (parameter same (converge convergence)) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L32 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and (Broyden-Fletcher-Goldfarb-Shanno BFGS) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |

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| L33 | 9 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and ((simulated adj annealing)(neural adj network) Neugents Pegasus Neuco) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L34 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and (water adj concentration) with (correction adj factor) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L35 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) adj flow adj rate with zero and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:41 |
| L36 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and trip adj mechanism and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L37 | 0 | ((fossil-fired adj thermal adj system) boiler (power adj plant) (black adj liquor)) and (leak leakage) and ((identifying identify) adj2 (heat adj exchanger)) and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L38 | 0 | hydrogen adj stoichiometric adj balance and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L39 | 0 | tube adj (leak leakage) with heat adj exchanger and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L40 | 0 | (leak leakage leaking) same (locating locate location) near heat adj exchanger and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L41 | 0 | recovery adj boiler with black adj liquor and tube adj leakage adj flow adj rate and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L42 | 0 | recovery adj boiler with black adj liquor and tube adj leakage adj rate and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L43 | 1 | recovery adj boiler with black adj liquor and hydrogen same carbon and sodium same carbon and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |

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| L44 | 0 | recovery adj boiler with black adj liquor and fuel adj hydrogen same fuel adj carbon and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L45 | 0 | recovery adj boiler with black adj liquor and fuel adj sodium same fuel adj carbon and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L46 | 0 | recovery adj boiler with black adj liquor and sodium with potassium with chloride and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |
| L47 | 0 | assign\$3 adj tube adj leak adj2 heat adj exchanger and @pd>"20050331" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/19 10:42 |

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|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|---------|------------------|
| L48 | 1 | ((recovery adj boiler) and liquor and fuel and sodium and model and combustion and tube and leakage).clm. | US-PGPUB | OR | ON | 2005/10/19 10:49 |
| L49 | 1 | ((recovery adj boiler) and fuel and concentration and thermal and air and leakage and pre-heater).clm. | US-PGPUB | OR | ON | 2005/10/19 10:48 |
| L50 | 1 | ((recovery adj boiler) and liquor and fuel and model and concentration and (trip trigger)).clm. | US-PGPUB | OR | ON | 2005/10/19 10:51 |
| L51 | 1 | ((recovery adj boiler) and liquor and fuel and model and combustion and minimization and composition and fuel adj ash and fuel adj water).clm. | US-PGPUB | OR | ON | 2005/10/19 10:52 |
| L52 | 1 | ((recovery adj boiler) and liquor and fuel and combustion and neural adj network and tube and leakage).clm. | US-PGPUB | OR | ON | 2005/10/19 10:53 |
| L53 | 1 | ((recovery adj boiler) and liquor and fuel and heat adj exchanger and combustion and energy and leak\$3).clm. | US-PGPUB | OR | ON | 2005/10/19 10:54 |
| L54 | 1 | ((recovery adj boiler) and liquor and fuel and heat adj exchanger and tube and leakage).clm. | US-PGPUB | OR | ON | 2005/10/19 10:59 |
| L55 | 1 | ((recovery adj boiler) and fuel and heat adj exchanger and model and concentration and leakage adj factor).clm. | US-PGPUB | OR | ON | 2005/10/19 11:00 |
| L56 | 1 | ((recovery adj boiler) and fuel and liquor and output and concentrations and leak\$3).clm. | US-PGPUB | OR | ON | 2005/10/19 11:01 |